

SECTION 3

3.08 TAPS AND SADDLES:

The size of tap and the tapping method for a given type and size of water line shall be as follows:

SIZE OF PIPE (inches)	TYPE OF PIPE AND SIZE OF TAP											
	DUCTILE IRON				PVC				CAST IRON			
	3/4"	1"	1-1/2"	2"	3/4"	1"	1-1/2"	2"	3/4"	1"	1-1/2"	2"
3	NO	NO	NO	NO	NO	NO	NO	NO	NO	S	NO	NO
4	S	S	NO	NO	S	S	NO	NO	S	S	NO	NO
6	DT	S/DT	S	S	S	S	S	S	DT	S/DT	S	S
8	DT	DT	S	S	S	S	S	S	DT	DT	S	S
12	DT	DT	S	S	S	S	S	S	DT	DT	S	S
16	DT	DT	S	S	--	--	--	--	--	--	--	--
20	DT	DT	S	S	--	--	--	--	--	--	--	--

S - Tapping saddle required - all saddles shall have the AWWA Taper on its threads.

DT - Direct tap permitted.

NO - No tap permitted with or without a saddle. A tee connection may be permitted if specifically authorized by Denver Water.

S/DT - Either a tapping saddle or a direct tap may be permitted depending on the situation.

NOTE: All taps on asbestos-cement and PVC will require saddles.

Tapping saddles with tap size 2 inches and smaller for ductile iron and asbestos-cement pipe shall consist of a bronze body with 2 bronze straps. Saddles for PVC shall be full support, wide bearing type.

Taps 2 inch and smaller shall not be allowed in PVC pipe which contains water under pressure. In Master Meter and Read and Bill Distributor Contract areas, the Distributor will be given the option to perform the required operations to eliminate pressure to the pipeline being tapped. Denver Water will perform the operations inside Denver and Total Service Areas. A fee per tap will be charged by Denver Water for performing the operations required to eliminate pressure in the PVC pipeline.

Existing steel mains 20 inches in diameter or less, shall be tapped using an approved tapping saddle. Service taps are not allowed on 24 inch and larger pipe.

See MS-23, for further information on tapping saddles.